

Title (en)

Tips for welding and their manufacturing process

Title (de)

Kontakthülse zum Schweißen und Herstellungsverfahren dafür

Title (fr)

Tube contact pour le soudage et procédé de la fabrication du tube

Publication

**EP 0621102 B1 20000628 (EN)**

Application

**EP 94302846 A 19940421**

Priority

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- JP 7481894 A 19940413
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Abstract (en)

[origin: EP0621102A1] An excellent welding tip in the feed stability of a wire and in the release capacity of foreign matters and in the stability of current control and a process for manufacturing such a tip economically was disclosed. A sectional shape of a guide hole (31) opened and provided to a welding tip (30) is made by forming a wire in a passable non-circular shape. The sectional shape of the guide hole may be a polygonal, elliptic or approximate shape to each of them. In the case of making the sectional shape of the guide hole polygonal, it is more preferable to make it a polygon circumscribing on a circle, for example, such a polygon circumscribing on a larger circle than the outer diameter of the wire to be inserted into the guide hole by 0.02 - 0.20mm in diameter. Specifically, it is preferable to arrange it with a triangle. <IMAGE>

IPC 1-7

**B23K 9/12**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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